

CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of all claims in the application.

1. (Currently Amended) A non-naturally occurring GPA protein comprising at least ~~five~~ two amino acid substitutions as compared to hG-CSF protein, wherein said substitutions are ~~selected amino acid residues at the following positions: 44, at positions 17, 20, 21, 24, 27, and 28, 31, 32, 34, 35, 38, 78, 79, 82, 85, 89, 91, 92, 99, 102, 103, 106, 107, 109, 110, 113, 116, 120, 117, 145, 146, 147, 148, 151, 153, 155, 156, 157, 160, 161, 164, 167, 168, and 170.~~
2. (Currently Amended) A non-naturally occurring GPA protein according to claim 1 wherein said GPA protein has at least one further substitutions~~are selected~~ from 14, 20, 47, 21, 24, 27, 28, 31, 32, 34, 35, 38, 78, 79, 82, 85, 89, 91, 92, 99, 102, 103, 106, 107, 109, 110, 113, 116, 117, 120, 145, 146, 147, 148, 151, 153, 155, 156, 157, 160, 161, 164, 167, 168 and ~~468-170.~~
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Currently Amended) A non-naturally occurring GPA protein according to claim 1 ~~comprising at least two amino acid substitutions as compared to hG-CSF protein~~, wherein all of said substitutions are in the core region.
8. (Currently Amended) A non-naturally occurring GPA protein according to claim ~~7~~ 1 wherein said GPA protein further comprises at least one of said substitutions ~~are selected~~ from ~~47, 28, 78, 85, 89, 92, 103, 110, 113, 151, 153, and 168.~~
9. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17A, 28A, and 110I (SEQ ID NO: 19).
10. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17L, 28A, 78F, 85F, 151I, 153I, and 168F (SEQ ID NO: 20).
11. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17L, 28A, 78F, 85F, and 168F (SEQ ID NO: 21).

12. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17A, 28A, 89F, 92F, 103V, and 110I (SEQ ID NO: 22).
13. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17A, 28A, 89F, and 92F (SEQ ID NO: 23).
14. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17A and 28A (SEQ ID NO: 24).
15. (Original) A non-naturally occurring GPA protein according to claim 8 wherein said substitutions are 17L, 28A, 78F, 85F, 113L, 151I and 153I (SEQ ID NO: 25).
16. (Original) A recombinant nucleic acid encoding the non-naturally occurring GPA protein of claim 1.
17. (Currently Amended) A pharmaceutical composition comprising a GPA protein according to claim 1 and a pharmaceutically acceptable carrier.